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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,742	03/16/2004	Aaron Q. Johnson	27683-011	1162
29315 7590 05/05/2011 MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC ONE FINANCIAL CENTER BOSTON, MA 02111			EXAMINER GOODCHILD, WILLIAM J	
			ART UNIT 2433	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/800,742	Applicant(s) JOHNSON ET AL.	
	Examiner WILLIAM J. GOODCHILD	Art Unit 2433	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 October 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/12/2010 has been entered.

Response to Arguments

2. Applicant's arguments filed 10/12/2010 have been fully considered but they are not persuasive.

A – Applicant argues “Gusler plainly fails to disclose at least the following additional element of Applicants' recited independent claims: 'calculating a virtual distance between a web page that a user is accessing through a first terminal and web pages accessed by other user through one or more second terminals'".

A – The Examiner disagrees: Gusler discloses that users access the online stores through a collection of web sites [Gusler, paragraph 10], hence, users are accessing

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web pages, as web sites are made up of web pages. Gusler also discloses multiple users online [Gusler, paragraph 37]. Gusler further discloses that users who are in close proximity to each other on the web sites [Gusler, paragraphs 47, 49, 52 and 62, showing that users are virtually close based on the web pages that the users may be on at that moment, (i.e., if a user is at the same store, (say a sporting goods store or a music store), they may not be looking at the same items, but are virtually close on the same web site that consists of web pages for that store)].

3. In response to applicant's argument that there is no teaching, suggestion, or motivation to combine the references, the examiner recognizes that obviousness may be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988), *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992), and *KSR International Co. v. Teleflex, Inc.*, 550 U.S. 398, 82 USPQ2d 1385 (2007). In this case, Gusler relates to an online shopping center with various stores (each with their own web site). Herland relates to a broader concept of creating a site that allows users to log on and then have their browsing tracked in order to allow the users to connect with other users who may be at the same site (the other user must also be logged on to the system allowing their browsing to be tracked), this allows users from anywhere to access web pages anywhere on the internet, and if another user is accessing the same

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page, they would be identified to each other to allow communication between them if desired. Both references relate to allowing a user to communicate with other users who may have the same interest with each other, making it obvious to one of ordinary skill in the art to combine the references in order to enhance a users online experience and bring them into contact with other users with the same interests.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3-4, 6-11 and 18-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gusler et al., (US Publication No. 2002/0178072), (hereinafter Gusler) and further in view of Herland et al., (US Publication No. 2003/0018747), (hereinafter Herland).

Regarding claims 1, 18-19, 25, 28 and 32, Gusler discloses providing a server having a distance calculating module operating thereon [Gusler, paragraphs 45 and 47, a server that is able to determine a shopper's position]; using the distance module [Gusler, paragraph 47 (determine user's position)], calculating a virtual distance between a web page that a user is accessing through a

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first terminal and web pages accessed by other users through one or more second terminals [Gusler, paragraph 62, a shopper may configure a certain proximity zone, such as a virtual distance radius or a parameter such as within the same virtual store (the instant specification, paragraph 6 defines conceptually near another user)]; displaying for the user on a display a listing of other users determined to be within a predetermined virtual distance from the web page that the user is accessing [Gusler, paragraph 62]; enabling the user to communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52, initiate communications].

Gusler does not specifically disclose wherein the web page that the user is accessing and each of the web pages accessed by the other users comprise any web page on the Internet.

However, Herland, in the same field of endeavor discloses communicating over the network allowing other users to know the users interest in the similar web pages (the internet or corporate intranet), [Herland, paragraph 25].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to include the entire internet in order to allow users to find each other when virtually close and to engage in communications when within a defined virtual distance. It would have been obvious to combine Herland with Gusler as both references relate to allowing a user to communicate with other users who may have the same interest with each other, making it obvious to one of ordinary skill in the art to

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combine the references in order to enhance a users online experience and allow them to communicate with other users with the same interests.

Regarding claim 3, Gusler-Herland further discloses wherein the virtual distance is calculated by the distance module using a distance mapping technique [Gusler, paragraph 62].

Regarding claim 4, Gusler-Herland further discloses wherein the distance mapping technique comprises identifying users accessing web pages having words or phrases of cognitive similarity [Gusler, paragraphs 62-63].

Regarding claim 6, Gusler-Herland further discloses displaying for the user a listing of the other users further comprises displaying the listing of other users in a graphical user interface (GUI) [Gusler, paragraph 39 and figure 5].

Regarding claim 7, Gusler-Herland further discloses wherein the GUI comprises a web browser [Gusler, paragraph 39 and figure 5].

Regarding claim 8, Gusler-Herland further discloses enabling the user to access profile data associated with one or more of the other users selected from the displayed listing [Gusler, paragraph 58].

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Regarding claim 9, Gusler-Herland further discloses the profile data comprises one or more of contact information, demographic information, profession, hobbies, or interests [Gusler, paragraph 63].

Regarding claim 10, Gusler-Herland further discloses enabling the user to communicate with one or more of the other users selected from the displayed listing further comprises enabling the user to instant message one or more of the other users selected from the displayed listing [Gusler, paragraphs 52, 63 and 72].

Regarding claim 11, Gusler-Herland further discloses enabling the user to communicate with one or more of the other users selected from the displayed listing further comprises enabling the user to e-mail one or more of the other users selected from the displayed listing [Gusler, paragraphs 43 and 52].

Regarding claim 20, Gusler-Herland further discloses wherein the affinity between the data associated with the user and data associated with the other users is determined using similarity of profile attributes [Gusler, paragraphs 57 and 62-63].

Regarding claim 21, Gusler-Herland further discloses identifying the web page that the user is accessing [Gusler, paragraph 57].

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Regarding claim 22, Gusler-Herland further discloses determining the presence of other users at or near the web page that the user is accessing [Gusler, paragraphs 57 and 62].

Regarding claim 23, Gusler-Herland further discloses means for identifying the web page that the user is accessing [Gusler, paragraphs 57 and 62].

Regarding claim 24, Gusler-Herland further discloses means for determining the presence of other users at or near the web page that the user is accessing [Gusler, paragraphs 57 and 62].

Regarding claim 26, Gusler-Herland further discloses tracking the virtual location of the user and each of the other users anywhere on the Internet [Herland, paragraph 25].

Regarding claim 27, Gusler-Herland further discloses means for tracking the virtual location of the user and each of the other users anywhere on the Internet [Herland, paragraph 25].

Regarding claim 29, Gusler-Herland further discloses enabling the user to communicate via the first terminal with one or more of the other users from the displayed listing [Gusler, paragraph 52].

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Regarding claim 30, Gusler-Herland further discloses wherein the list of other users is ranked in order of nearest to furthest virtual distance from the web page that the user is accessing [Gusler, paragraph 49].

Regarding claim 31, Gusler-Herland further discloses wherein the list of other users is compiled based on the virtual distance between the web page that the user is accessing and the web pages accessed by the other users being with a predetermined virtual distance [Gusler, paragraphs 49 and 62].

Regarding claim 33, Gusler-Herland further discloses wherein the user can communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52].

Regarding claim 34, Gusler-Herland further discloses a communication module operating on the server for enabling the user to communicate with one or more of the other users via the first terminal [Gusler, paragraph 52].

Regarding claim 35, Gusler-Herland further discloses wherein the virtual distance is calculated upon the user accessing a web page through the first terminal [Gusler, paragraphs 45 and 47].

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Regarding claim 36, Gusler-Herland further discloses providing a server having a distance calculating module operating thereon [Gusler, paragraphs 45 and 47]; using the distance calculating module to calculate a virtual distance between a web page that a user is accessing through a first terminal and web pages accessed by other users through one or more second terminals [Gusler, paragraphs 45, 47 and 62], wherein: the web page that the user is accessing and each of the web pages accessed by other users comprise any web page on the Internet [Herland, paragraph 25], and the virtual distance is calculated by making a comparison between web page parameters selected from the group consisting of the URI address of the web page accessed by the user to the URI address of one or more of the web pages accessed by other users and words or phrases contained in the web page accessed by the user to words or phrases contained in one or more of the web pages accessed by other users; displaying for the user on a display a listing of the other users that are accessing a web page that contains words or phrases that are cognitively similar to the words or phrases contained in the web page that the user is accessing [Gusler, paragraph 62]; and enabling the user to communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52].

Regarding claim 37, Gusler-Herland further discloses providing a server having a distance calculating module operating thereon [Gusler, paragraphs 45 and 47];

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using the distance calculating module to calculate a virtual distance between a web page that a user is accessing through a first terminal and web pages accessed by other users through one or more second terminals [Gusler, paragraphs 45, 47 and 62],
wherein: the virtual distance is calculated by comparing the Uniform Resource Identifier (URI) address of the web page that the user is accessing to the URI address of one or more of the web pages accessed by other users [Gusler, paragraph 62], and
the web page that the user is accessing and each of the web pages accessed by other users comprise any web page on the Internet [Herland, paragraph 25]
displaying for the user on a display a listing of the other users that are accessing a web page having a URI address that is within a predetermined virtual distance of the URI address of the web page that the user is accessing [Gusler, paragraph 62]; and
enabling the user to communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52].

Regarding claim 38, Gusler-Herland further discloses providing a server having a distance calculating module operating thereon [Gusler, paragraphs 45 and 47];
using the distance calculating module to calculate a virtual distance between a web page that a user is accessing through a first terminal and web pages accessed by other users through one or more second terminals [Gusler, paragraphs 45, 47 and 62],
wherein: the virtual distance is calculated by comparing words or phrases contained in the web page that the user is accessing to words or phrases contained in one or more

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of the web pages accessed by other users, and the web page that the user is accessing [Gusler, paragraph 62] and

each of the web pages accessed by other users comprise any web page on the Internet [Herland, paragraph 25]

displaying for the user on a display a listing of the other users that are accessing a web page that contains words or phrases that are cognitively similar to the words or phrases contained in the web page that the user is accessing [Gusler, paragraph 62]; and enabling the user to communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52].

Regarding claim 39, Gusler-Herland further discloses calculating a degree of conceptual nearness of a web page that a user is accessing through a first terminal to web pages accessed by other users through one or more second terminals [Gusler, paragraphs 45, 47 and 62],

wherein the web page that the user is accessing and each of the web pages accessed by other users comprise any web page on the Internet [Herland, paragraph 25], and the degree of conceptual nearness is calculated by making a comparison between web page parameters selected from the group consisting of the URI address of the web page accessed by the user to the URI address of one or more of the web pages accessed by other users and words or phrases contained in the web page accessed by the user to words or phrases contained in one or more of the web pages accessed by other users [Gusler, paragraph 62];

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displaying for the user on a display a listing of the other users that are accessing a web page that is within a predetermined degree of conceptual nearness to the web page that the user is accessing [Gusler, paragraph 62]; and enabling the user to communicate with one or more of the other users from the displayed listing [Gusler, paragraph 52].

6. Claims 2 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gusler-Herland as applied to claim 1 above, and further in view of Cohen.

Regarding claim 2, Gusler-Herland does not specifically disclose receiving a Uniform Resource Identifier (URI) address of the web page that the user is accessing].

However, Cohen, in the same field of endeavor discloses providing a list including the web page being accessed by another user [Cohen, column 12, lines 27-43 and figure 10].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to include listing the other users web page URL in order to allow the user to identify the web page being accessed and determine if they would like to join the other user or communicate with the other user.

Regarding claim 5, Gusler-Herland-Cohen further discloses wherein the distance mapping technique comprises comparing a Uniform Resource Identifier (URI) address

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of the web page that the user is accessing to URI addresses of the web pages being accessed by other users [Cohen, column 7, lines 11-39].

7. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gusler-Herland as applied to claim 1 above, and further in view of Wengrovitz, (US Publication No. 2005/0141688).

Regarding claim 12, Gusler-Herland does not specifically disclose enabling the user to communicate with one or more of the other users selected from the displayed listing further comprises enabling the user to initiate a voice over Internet protocol (VoIP) communication with one or more of the other users selected from the displayed listing.

However, Wengrovitz, in the same field of endeavor, discloses presence notification [Wengrovitz, paragraph 6, lines 6-13] with VoIP [Wengrovitz, paragraph 5, lines 8-14].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate voice over Internet Protocol communication via presence notification listing in order to increase the multi-media communication options on-line.

8. Claims 13-14 and 16-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gusler-Herland as applied to claim 1 above, and further in view of Nachman et al., (US Publication No. 2001/0027474), (hereinafter Nachman).

Regarding claim 13, Gusler-Herland does not specifically disclose enabling the user to communicate with one or more of the other users selected from the displayed listing further comprises enabling the user to initiate a transaction with one or more of the other users selected from the displayed listing.

However, Nachman discloses allowing a user bid against other users [Nachman, paragraphs 18 and 21].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to include transactions between users in order to provide a 'richer' experience to the users.

Regarding claim 14, Gusler-Herland-Nachman further discloses the transaction comprises an exchange of currency [Nachman, paragraph 45].

Regarding claim 16, Gusler-Herland-Nachman further discloses enabling the user to execute a search query a against a search engine [Nachman, paragraph 20].

Regarding claim 17, Gusler-Herland-Nachman further discloses results of the search query comprise a listing of one or more web pages, and wherein each of the one or more web pages listed is displayed with an associated visual indicator displaying a

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number of users currently accessing that respective web page [Nachman, paragraph 40].

9. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gusler-Herland-Nachman as applied to claim 13 above, and further in view of Pugliese III et al., (hereinafter Pugliese), (US Publication No. 2001/0016825).

Regarding claim 15, Gusler-Herland-Nachman does not specifically disclose the transaction comprises an exchange of at least one of airline frequent flier miles, or affinity program points.

However, Pugliese, discloses charging frequent flier miles [Pugliese, paragraph 65, lines 11-19].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate frequent flier miles as a financial transactions to increase the client's options for financial payments.

Conclusion

Examiner's Note: Examiner has cited particular paragraphs / columns and line numbers in the reference(s) applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures

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may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the cited passages as taught by the prior art or relied upon by the examiner.

Should applicant amend the claims of the claimed invention, it is respectfully requested that applicant clearly indicate the portion(s) of applicant's specification that support the amended claim language for ascertaining the metes and bounds of applicant's claimed invention

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLIAM J. GOODCHILD whose telephone number is (571)270-1589. The examiner can normally be reached on Monday - Friday / 8:00 AM - 4:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivek Srivastava can be reached on (571) 272-7304. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William J. Goodchild/
Examiner
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05/03/2011